

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082119\
 Data File : VW012081.D
 Acq On : 21 Aug 2019 20:18
 Operator : SY/VA
 Sample : K4403-02
 Misc : 7.01G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-H1-(0)

Quant Time: Aug 22 06:49:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

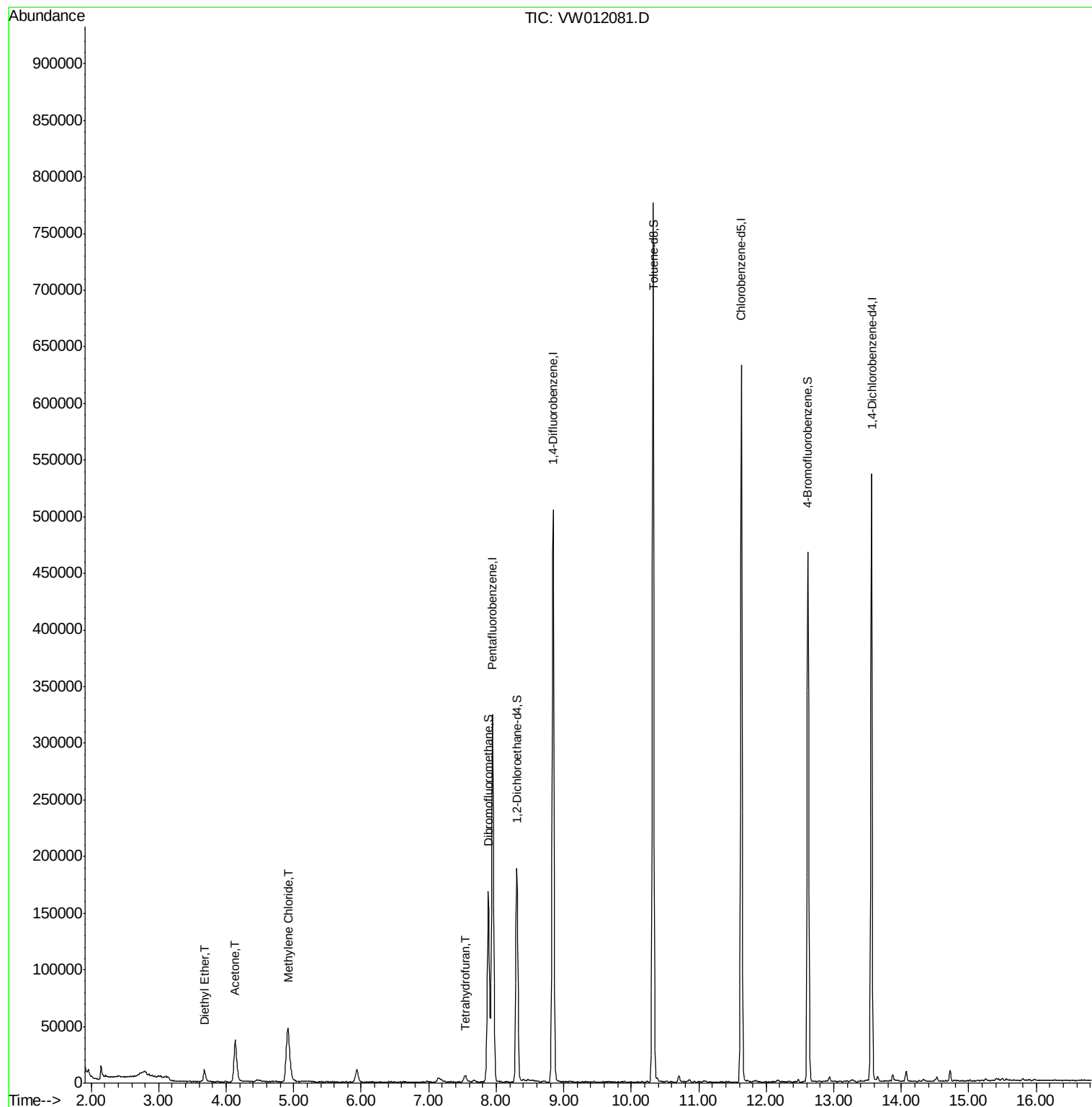
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	236911	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	394494	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	326303	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	131794	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	147905	54.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.74%	
35) Dibromofluoromethane	7.88	113	119745	54.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.22%	
50) Toluene-d8	10.32	98	480124	52.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.98%	
62) 4-Bromofluorobenzene	12.62	95	155964	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.56%	
Target Compounds						
8) Diethyl Ether	3.68	74	5055	3.619	ug/l	86
16) Acetone	4.14	43	72334	83.589	ug/l	94
20) Methylene Chloride	4.92	84	38609	12.937	ug/l	97
29) Tetrahydrofuran	7.53	42	5351	8.267	ug/l	98

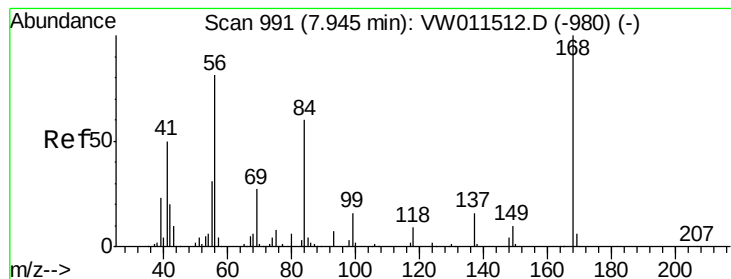
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082119\
Data File : VW012081.D
Acq On : 21 Aug 2019 20:18
Operator : SY/VA
Sample : K4403-02
Misc : 7.01G/5ML/MSVOA W/SOIL
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
T1-H1-(0)

Quant Time: Aug 22 06:49:25 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW012081.D

Acq: 21 Aug 2019 20:18

Instrument :

MSVOA_W

ClientSampleId :

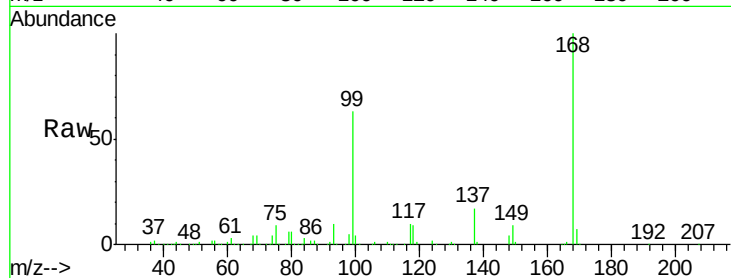
T1-H1-(0)

Tot Ion:168 Resp: 236911

Ion Ratio Lower Upper

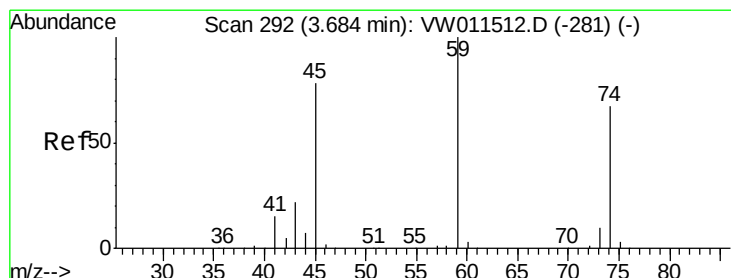
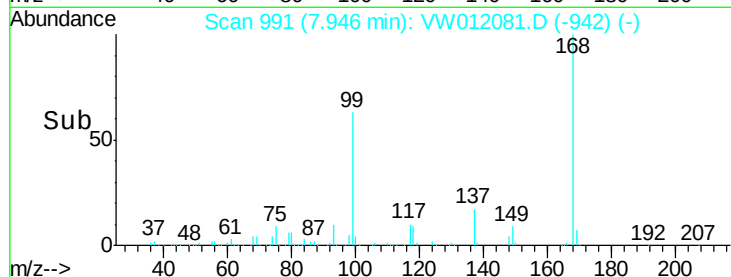
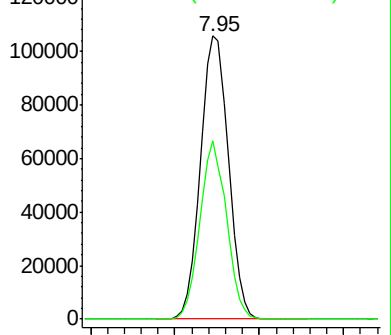
168 100

99 62.8 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 3.619 ug/l

RT: 3.68 min Scan# 291

Delta R.T. -0.01 min

Lab File: VW012081.D

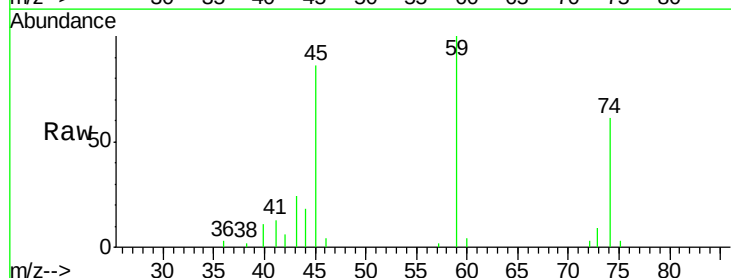
Acq: 21 Aug 2019 20:18

Tgt Ion: 74 Resp: 5055

Ion Ratio Lower Upper

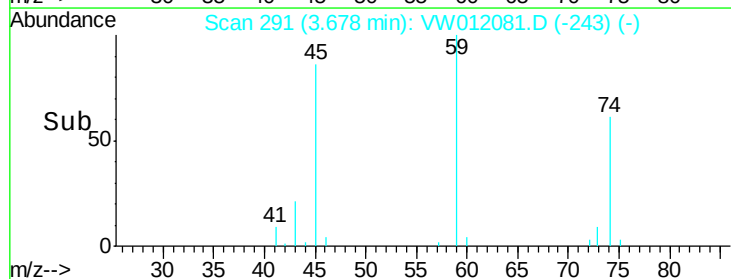
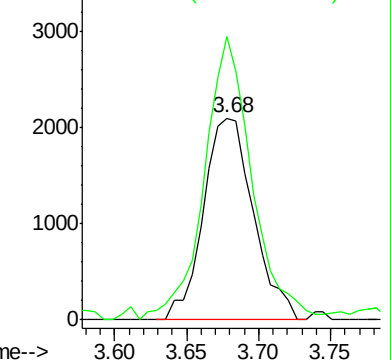
74 100

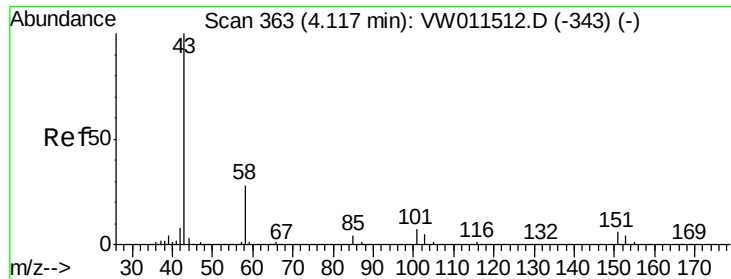
45 134.3 59.6 178.8



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#16

Acetone

Concen: 83.589 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW012081.D

Acq: 21 Aug 2019 20:18

Instrument :

MSVOA_W

ClientSampled :

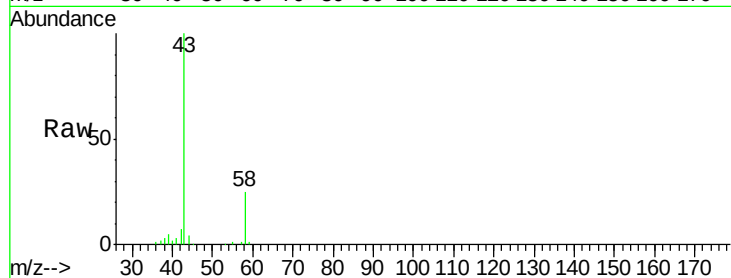
T1-H1-(0)

Tot Ion: 43 Resp: 72334

Ion Ratio Lower Upper

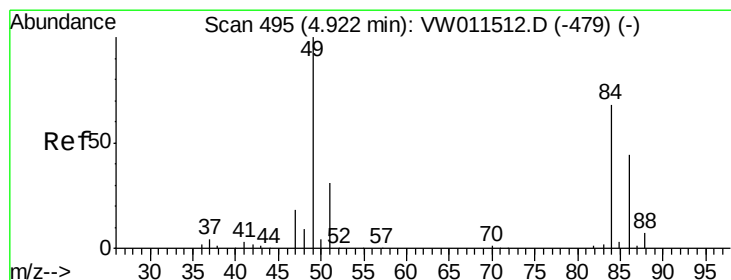
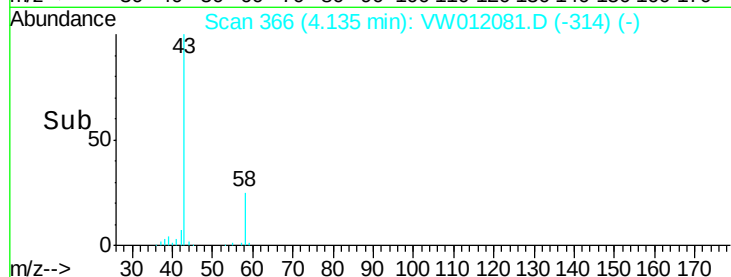
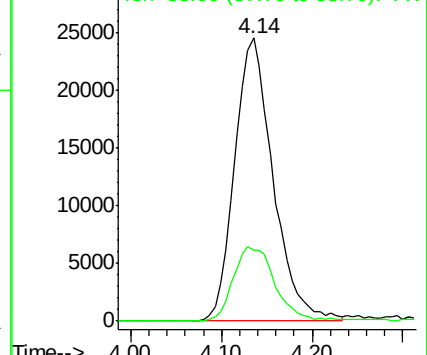
43 100

58 25.0 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 12.937 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012081.D

Acq: 21 Aug 2019 20:18

Tgt Ion: 84 Resp: 38609

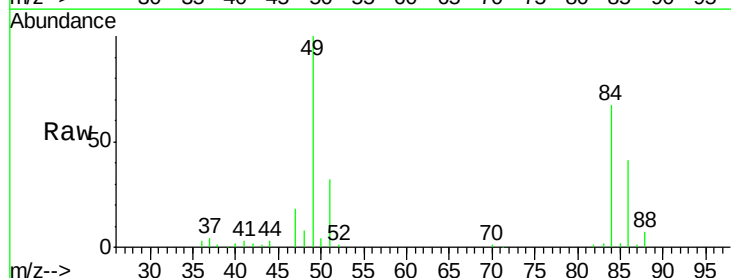
Ion Ratio Lower Upper

84 100

49 150.2 117.8 176.6

51 48.1 37.0 55.4

86 61.5 51.8 77.8

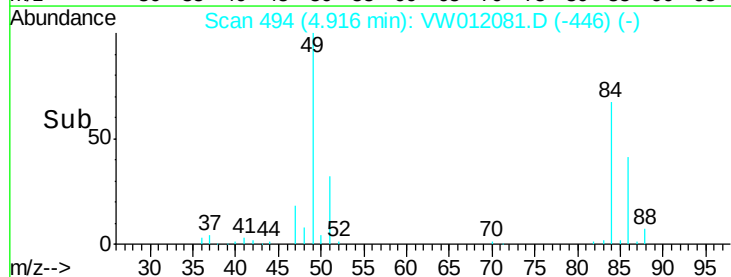
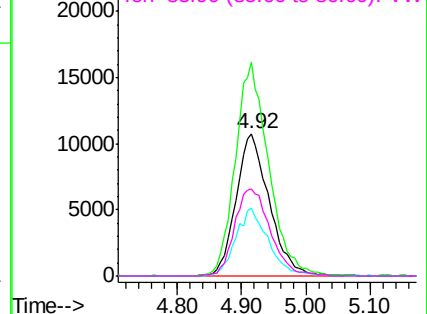


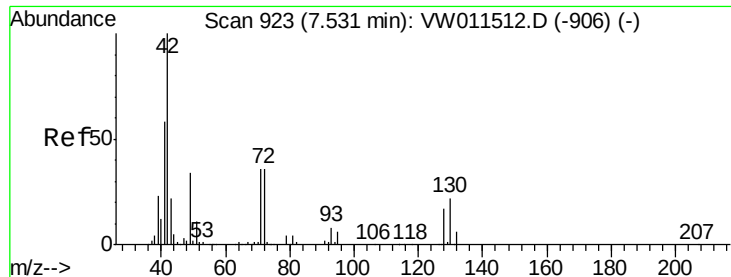
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

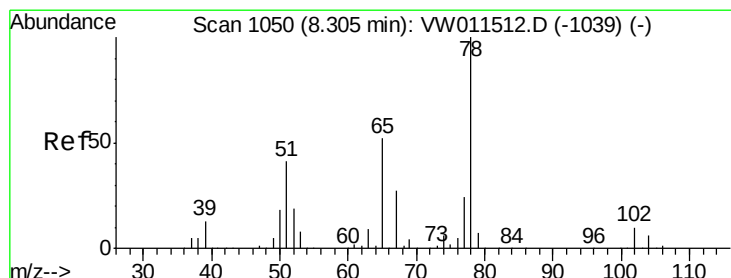
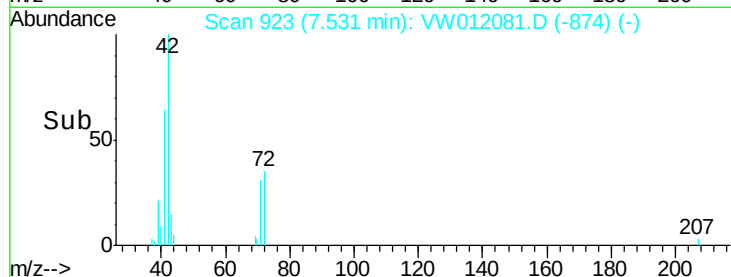
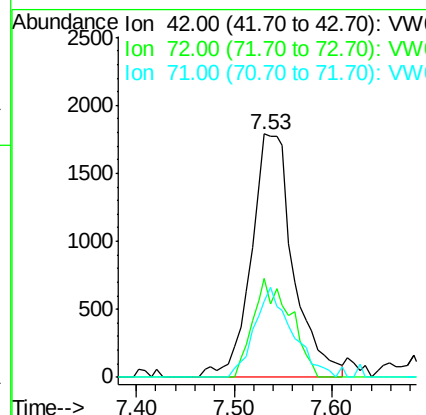
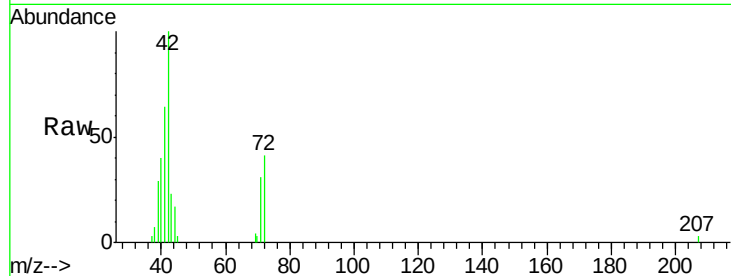




#29
Tetrahydrofuran
Concen: 8.267 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW012081.D
Acq: 21 Aug 2019 20:18

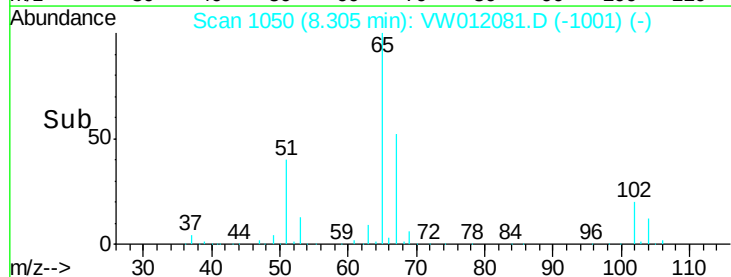
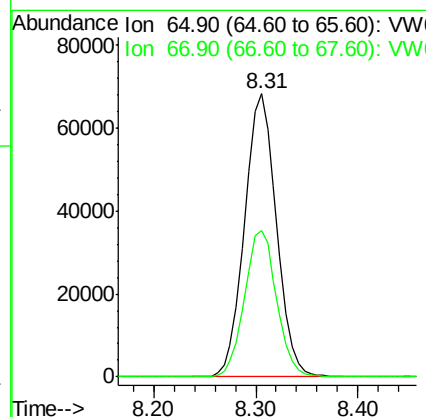
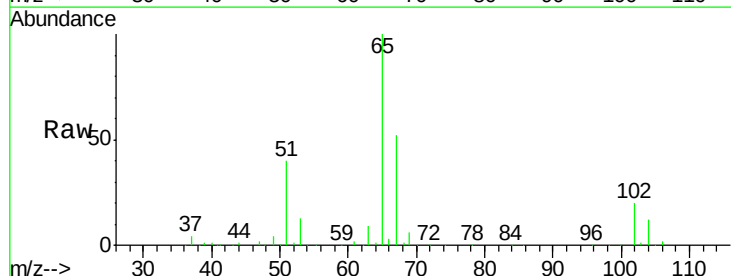
Instrument :
MSVOA_W
ClientSampleId :
T1-H1-(0)

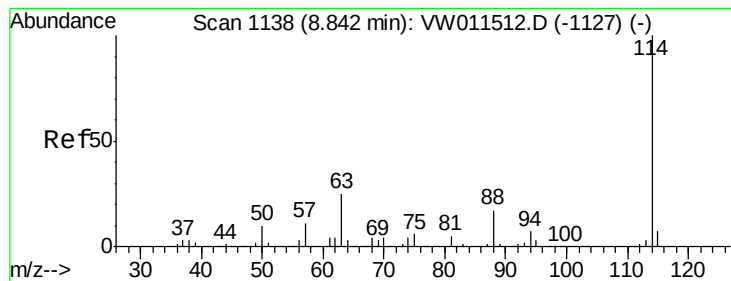
Tot Ion: 42 Resp: 5351
Ion Ratio Lower Upper
42 100
72 36.1 27.1 40.7
71 33.0 26.2 39.4



#33
1,2-Dichloroethane-d4
Concen: 54.369 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW012081.D
Acq: 21 Aug 2019 20:18

Tgt Ion: 65 Resp: 147905
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW012081.D

Acq: 21 Aug 2019 20:18

Instrument :

MSVOA_W

ClientSampleId :

T1-H1-(0)

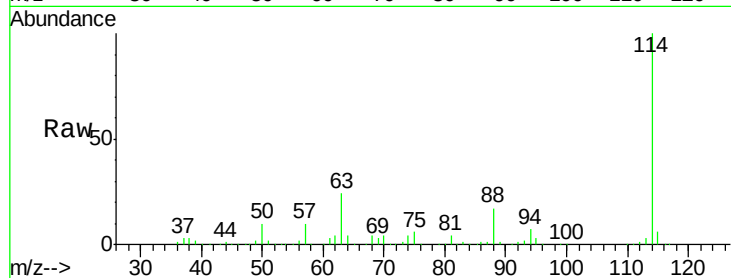
Tot Ion:114 Resp: 394494

Ion Ratio Lower Upper

114 100

63 24.3 0.0 49.2

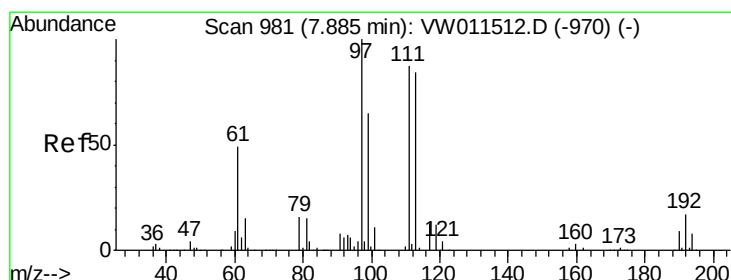
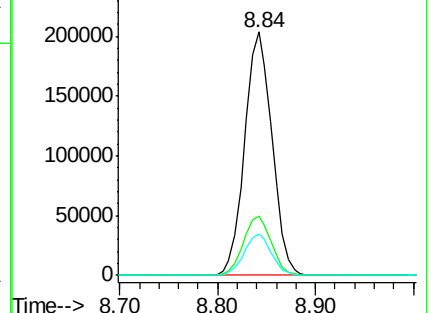
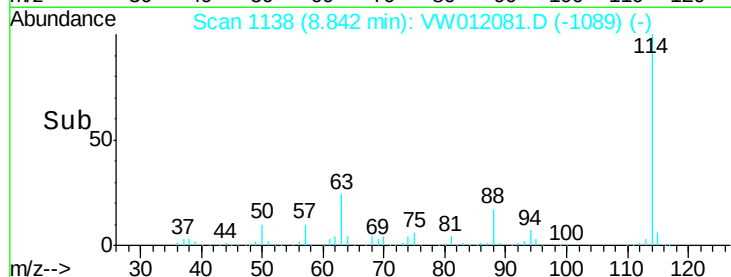
88 17.1 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 54.105 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW012081.D

Acq: 21 Aug 2019 20:18

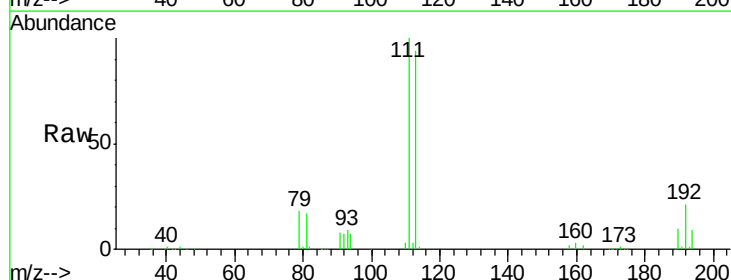
Tgt Ion:113 Resp: 119745

Ion Ratio Lower Upper

113 100

111 102.0 82.7 124.1

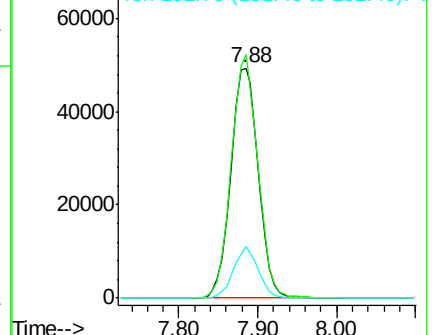
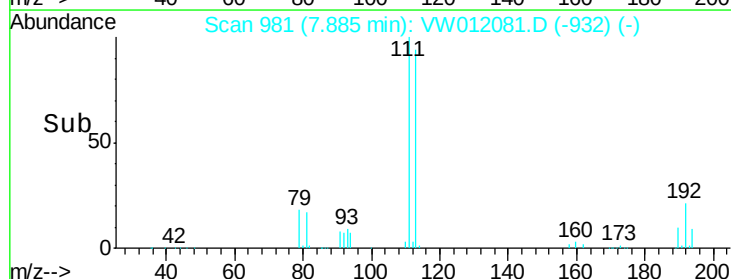
192 20.1 16.1 24.1

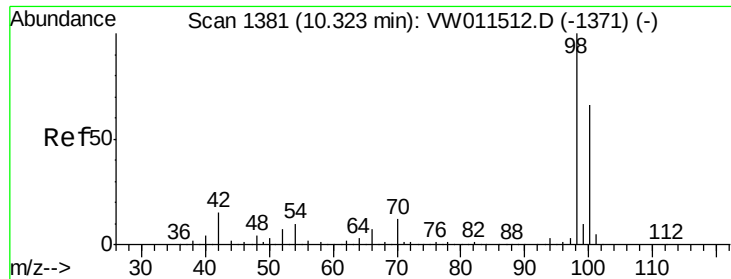


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

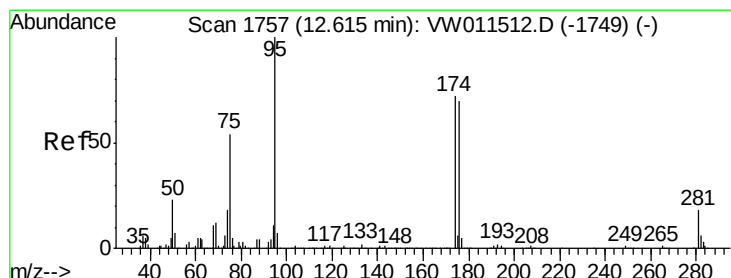
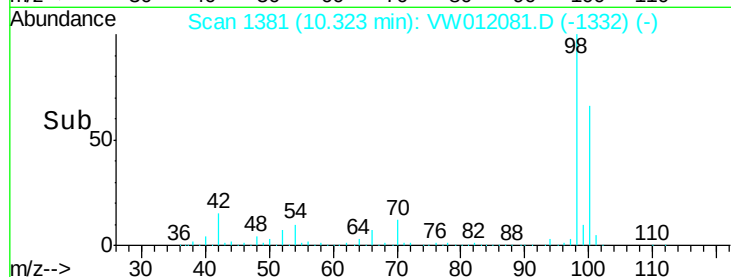
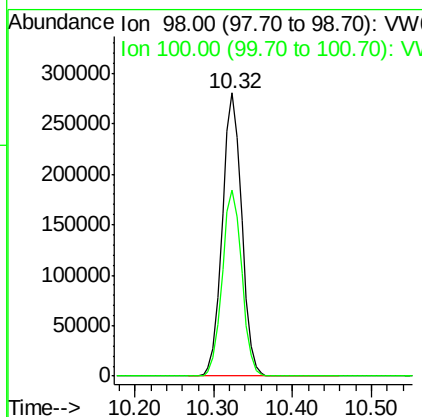
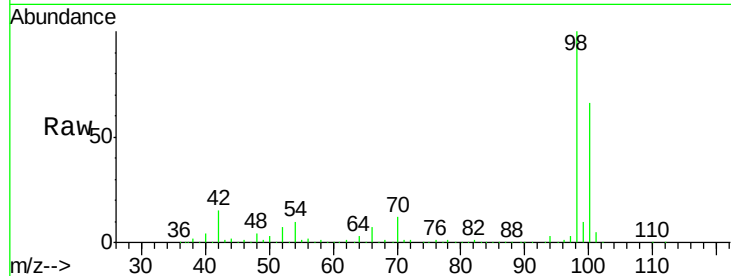




#50
Toluene-d8
Concen: 52.986 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW012081.D
Acq: 21 Aug 2019 20:18

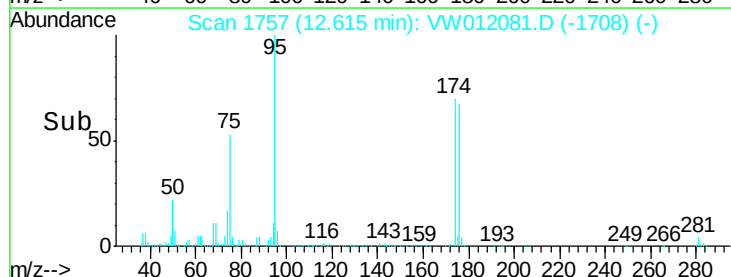
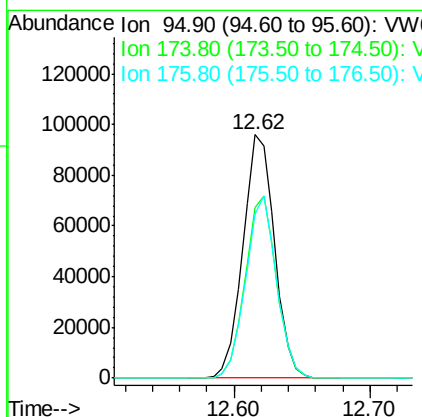
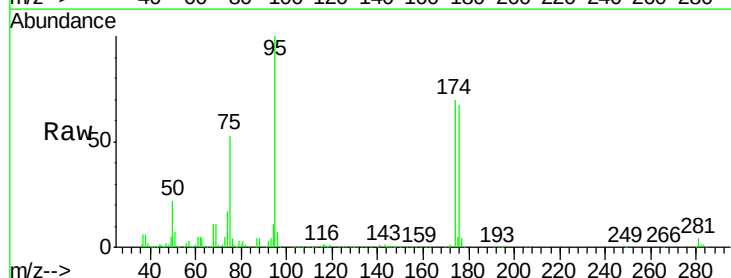
Instrument :
MSVOA_W
ClientSampleId :
T1-H1-(0)

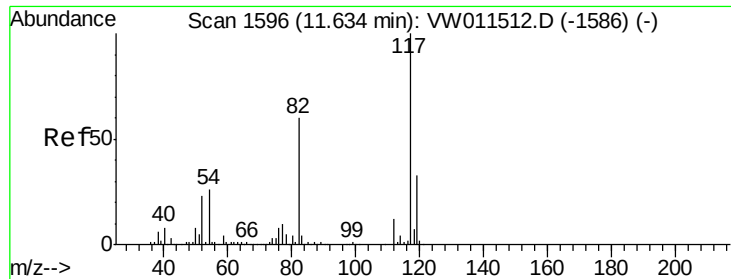
Tot Ion: 98 Resp: 480124
Ion Ratio Lower Upper
98 100
100 66.2 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 48.277 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW012081.D
Acq: 21 Aug 2019 20:18

Tgt Ion: 95 Resp: 155964
Ion Ratio Lower Upper
95 100
174 74.4 0.0 150.2
176 73.0 0.0 144.4

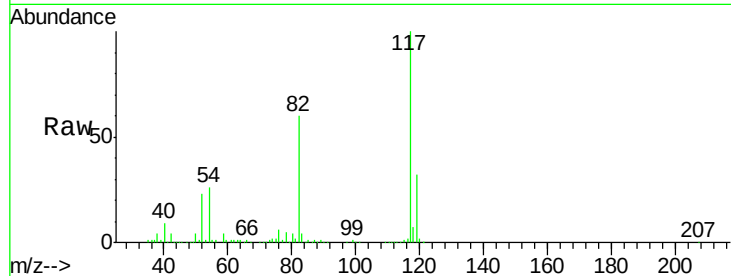




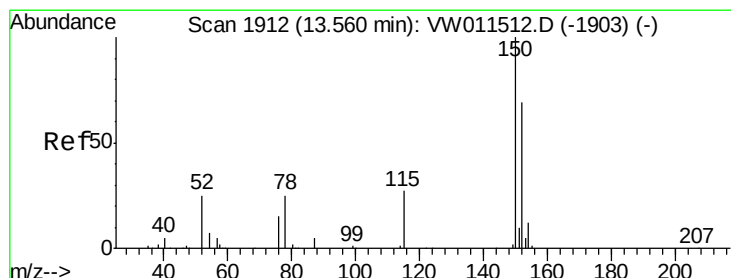
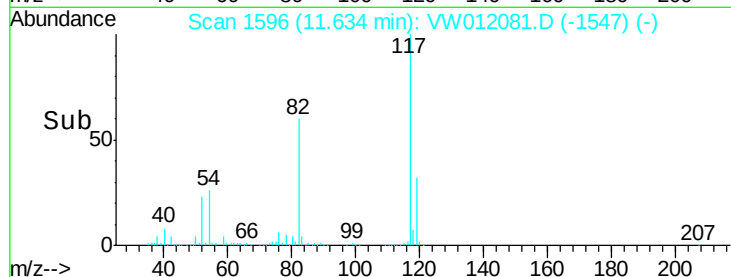
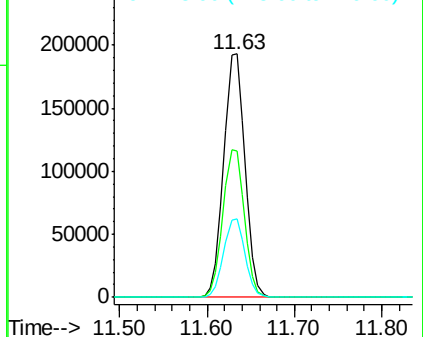
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW012081.D
Acq: 21 Aug 2019 20:18

Instrument :
MSVOA_W
ClientSampleId :
T1-H1-(0)

Tot Ion:117 Resp: 326303
Ion Ratio Lower Upper
117 100
82 59.9 47.9 71.9
119 32.3 26.2 39.2

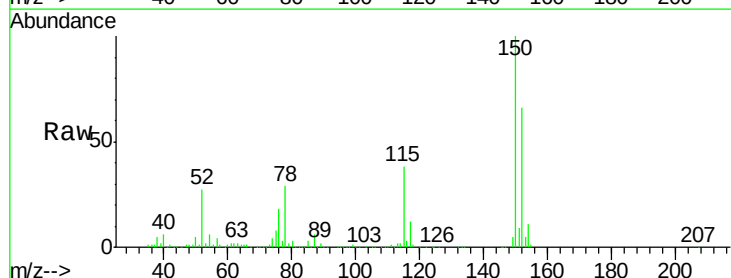


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW012081.D
Acq: 21 Aug 2019 20:18

Tgt Ion:152 Resp: 131794
Ion Ratio Lower Upper
152 100
115 60.4 30.5 91.5
150 158.4 0.0 352.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

